TTL - THRESHOLD THEORIES (2025)

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INTRODUCTION

This document contains the TTL formulas in their original form.

They are presented in a linear structure to provide a clear, stable, and easily readable foundation.

TTL - SECTION I

ϕ-IP - Implicit personality

$\phi\text{-IP} : \neg \text{Prov_T}[g(\phi)] \wedge \chi(t)=(\Psi_{social} / \lambda_{judgment}) > \tau$

ϕ-EF - Everyday fallibilism

$\phi\text{-EF} : \neg \text{Prov_T}[g(\phi)] \wedge \chi(t)=|\Delta E| / (C + \lambda_{learn}) > \tau$

ϕ-RM - Recursive medicalization

$\phi\text{-RM} : \neg \text{Prov_T}[g(\phi)] \wedge \chi(t)=(\delta_{pain} \rightarrow \kappa_{diag} \rightarrow \tau_{treat}) > \tau$

ϕ-CC - Consumerist cycle

$\phi\text{-CC} : \neg \text{Prov_T}[g(\phi)] \wedge \chi(t)=(\Delta D_{desire} \rightarrow \Pi_{purch} \rightarrow \varepsilon_{void}) > \tau$

ϕ-UD - Unwritten doctrines

$\phi\text{-UD} : \neg \text{Prov_T}[g(\phi)] \wedge \chi(t)=[\eta_{unwritten} / (\xi_{written} + \tau_{memory})] > \tau$

ϕ-ER - Educational relationship

$\phi\text{-ER} : \neg \text{Prov_T}[g(\phi)] \wedge \chi(t)=(E \leftrightarrow L)\cdot\rho_{rel}\cdot\Delta\Psi_{feedback} > \tau$

ϕ-SS - School standardization

$\phi\text{-SS} : \neg \text{Prov_T}[g(\phi)] \wedge \chi(t)=(\mu_{eval} \rightarrow \kappa_{class} \rightarrow \iota_{id}) > \tau$

ϕ-WD - Work dependence

ϕ-WD : $\neg Prov_T[g(\phi)] \wedge \chi(t)=(N_{surv} \rightarrow \Omega_{org} \rightarrow \delta_{sub} \rightarrow \alpha_{adapt}) > \tau$

ϕ-IA - Institutional adaptation

ϕ-IA : $\neg Prov_T[g(\phi)] \wedge \chi(t)=(\rho_{rule} \rightarrow \alpha_{adapt} \rightarrow \lambda_{legit}) > \tau$

ϕ_1-CM - Cultural model

ϕ_1-CM : $\neg Prov_T[g(\phi)] \wedge \chi(t)=(N_{norm} \cdot V_{value})/\delta_{visibility} > \tau$

ϕ-T/I - Thought / Internalization

ϕ-T/I : $\neg Prov_T[g(\phi)] \wedge \chi(t)=f(M_{cult} \cdot L_{lang} \cdot E_{empathy}) > \tau$

ϕ-B/A - Behavior / Action

ϕ-B/A : $\neg Prov_T[g(\phi)] \wedge \chi(t)=(T_{thought} \cdot H_{habitus} \rightarrow \Delta P_{practice}) > \tau$

ϕ-E/T - Education / Transmission

ϕ-E/T : $\neg Prov_T[g(\phi)] \wedge \chi(t)=(B_{action} \cdot S_{social} \circlearrowright) > \tau$

ϕ-VP - Value potential

ϕ-VP : $\neg Prov_T[g(\phi)] \wedge \chi(t)=(C_{conv} + A_{auton})/\mu_{context} > \tau$

ϕ-TC - Transmission cycle

ϕ-TC : $\neg Prov_T[g(\phi)] \wedge \chi(t)=(M_{cult} \rightarrow T_{thought} \rightarrow B_{action} \rightarrow E_{educ} \circlearrowright) > \tau$

ϕ-DI - Digitalized identity

ϕ-DI : $\neg Prov_T[g(\phi)] \wedge \chi(t)=(\psi_{self} \rightarrow \Sigma_{feedback} \rightarrow \Delta_{repr}) > \tau$

ϕ-HR - Human resonance

ϕ-HR : $\neg Prov_T[g(\phi)] \wedge \chi(t)=(\Sigma_{vib}/\Delta_{auth}) > \tau$

ϕ-CF - Creative fracture

ϕ-CF : ¬Prov_T[g(ϕ)] ∧ χ(t)=ΔF_pain·(∂C_creation/∂S_suffering) > τ

ϕ-TW - Threshold of waiting

ϕ-TW : ¬Prov_T[g(ϕ)] ∧ χ(t)=(ΔT_delay ≤ Θ_tol) > τ

ϕ-AG - Averted gaze

ϕ-AG : ¬Prov_T[g(ϕ)] ∧ χ(t)=(G_avert · D_dist → Ψ_respect) > τ

ϕ-RT - Relational tool

ϕ-RT : ¬Prov_T[g(ϕ)] ∧ χ(t)=(ΔE_equity · R_balance → ΣS_stability) > τ

ϕ_2-CM - Creative margin

ϕ_2-CM : ¬Prov_T[g(ϕ)] ∧ χ(t)=M_edge · (ΔF_free / R_center) > τ

ϕ-RC - Relational continuity

ϕ-RC : ¬Prov_T[g(ϕ)] ∧ χ(t)=(Ψ_bond · μ_memory) / ΔA_absence > τ

TTL - SECTION II

ϕ-ST - Symbolic transparency

ϕ-ST : ¬Prov_T[g(ϕ)] ∧ χ(t)=(L_light · S_symbol) / O_opacity > τ

ϕ-HQ - Hierarchy of queues

ϕ-HQ : ¬Prov_T[g(ϕ)] ∧ χ(t)=(Π_order · R_recog) / ΔT_wait > τ

ϕ-VC - Vacant chair

ϕ-VC : ¬Prov_T[g(ϕ)] ∧ χ(t)=(E_empty · S_space → ΔP_presence) > τ

ϕ-CA - Collective applause

ϕ-CA : ¬Prov_T[g(ϕ)] ∧ χ(t)=(ΣH_hands · I_intent) / P_pressure > τ

ϕ-LO - Lost object

ϕ-LO : ¬Prov_T[g(ϕ)] ∧ χ(t)=(L_loss → C_circ) · μ_link > τ

ϕ-SP - Social pause

ϕ-SP : ¬Prov_T[g(ϕ)] ∧ χ(t)=(ΔT_pause · R_exchange → ΣC_cohesion) > τ

ϕ-SB - Social binder

ϕ-SB : ¬Prov_T[g(ϕ)] ∧ χ(t)=(V_trust · R_respect · M_mutual → ΣS_stability) > τ

ϕ-PD - Protective device

ϕ-PD : ¬Prov_T[g(ϕ)] ∧ χ(t)=(F_impact / P_protect → R_resilience) > τ

ϕ-TA - Tacit assumptions

ϕ-TA : ¬Prov_T[g(ϕ)] ∧ χ(t) = κ(Στ_silent · δ_stability) > τ

ϕ-IE - Implicit essentialism

$\phi\text{-IE} : \neg \text{Prov}_T[g(\phi)] \land \chi(t) = \varepsilon \,/\, (\mu\infty + \Delta\psi_\text{evolution}) > \tau$

ϕ-MC - Motivational cycle

$\phi\text{-MC} : \neg \text{Prov}_T[g(\phi)] \land \chi(t) = (\sigma{\cdot}\alpha{\cdot}\rho{\cdot}\lambda\ \circlearrowleft) > \tau$

ϕ-CE - Cyclical exclusion

$\phi\text{-CE} : \neg \text{Prov}_T[g(\phi)] \land \chi(t) = (\sigma \cdot \Delta d \cdot \chi_\text{cycle}^{n}) > \tau$

ϕ-IT - Intergenerational transmission

$\phi\text{-IT} : \neg \text{Prov}_T[g(\phi)] \land \chi(t) = (\nu_\text{value} \cdot \lambda_\text{lang} \cdot \mu_\text{memory}\ \circlearrowleft) > \tau$

ϕ_1-CS - Creative simplicity

$\phi_1\text{-CS} : \neg \text{Prov}_T[g(\phi)] \land \chi(t) = (\nabla E_\text{essence} \,/\, \Sigma X_\text{excess}) > \tau$

ϕ-PR - Peripheral rebirth

$\phi\text{-PR} : \neg \text{Prov}_T[g(\phi)] \land \chi(t) = (E_\text{margin} \cdot R_\text{hidden}) \,/\, P_\text{center} > \tau$

ϕ_2-CS - Custody of silence

$\phi_2\text{-CS} : \neg \text{Prov}_T[g(\phi)] \land \chi(t) = (\Sigma S_\text{silence} \cdot \tau_\text{listen} \rightarrow \partial W_\text{truth}) > \tau$

ϕ-DS - Digital silence

$\phi\text{-DS} : \neg \text{Prov}_T[g(\phi)] \land \chi(t) = (\Sigma M_\text{unanswered} \cdot C_\text{context} \rightarrow \Delta R_\text{meaning}) > \tau$

ϕ-DO – Door open

$\phi\text{-DO} : \neg \text{Prov}_T[g(\phi)] \land \chi(t) = (\Theta_\text{threshold} \cdot \Delta O_\text{open}) \,/\, B_\text{barrier} > \tau$

ϕ-ET - Educational tool

$\phi\text{-ET} : \neg \text{Prov}_T[g(\phi)] \land \chi(t) = (K_\text{know} \cdot M_\text{measure} \cdot \Delta_\text{spread} \rightarrow \Psi_\text{equity}) > \tau$

ϕ-EC - Existential container

ϕ-EC : ¬Prov_T[g(ϕ)] ∧ χ(t) = (C_capacity · W_weight) / R_resilience > τ

ϕ-T - Threshold

ϕ-T : ¬Prov_T[g(ϕ)] ∧ χ(t) = (ΔB_boundary → Ψ_transition) / R_fear > τ

ϕ-G - Glass

ϕ-GW : ¬Prov_T[g(ϕ)] ∧ χ(t) = (H_host · G_guest · W_water → ΔD_dignity) > τ

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